

**COMBINED DECLARATION AND POWER OF ATTORNEY
(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT)**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title: **FORMATION OF LATTICE-TUNING SEMICONDUCTOR SUBSTRATES**

the specification of which

- (a) _____ is attached hereto.
(b) _____ was filed on _____ as _____ Serial No. _____ or _____ Express Mail No. _____ as Serial No. not yet known, and was amended on (if applicable).
(c) X _____ was described and claimed in PCT International Application No. PCT/GB2004/050022 filed on October 28, 2004 and amended under PCT Article 19 on _____ (if any).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to the patentability of this application as defined in Title 37, Code of Federal Regulations §1.56.

PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

- (d) _____ no such application have been filed.
(e) X _____ such applications have been filed as follows.

**EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC §119		
Great Britain	0326321.7	12/11/2003	X	Yes	No
				Yes	No
				Yes	No

POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) associated with the Customer Number listed below to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

43076

Direct Correspondence To:

The address associated with the above-mentioned customer number.

Direct Telephone Calls To:

Name: Mark D. Saralino
Tel. No: 216/621-1113
Fax No: 216/621-6165

The undersigned to this declaration and power of attorney hereby authorizes the U.S. attorney(s) named herein to accept and follow instruction from

Name(s) of authorized representation: Mr. Richard P. Harding, Marks & Clerk

Address: 4220 Nash Court, Oxford Business Park South, Oxford OX4 2RU United Kingdom

as to any actions to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney(s) and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorney(s) will be so notified by the undersigned.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued therein.

Full name of sole or first inventor Adam Daniel CAPEWELL

Inventor's signature *Adam Daniel CAPEWELL*

Date 15 October 2009 Country of Citizenship Great Britain

Residence Berkshire, United Kingdom

Post Office Address 18 Kennet Walk, Reading
Berkshire RG1 3GF United Kingdom

Full name of second inventor Evan Hubert Cresswell PARKER

Inventor's signature _____

Date _____ Country of Citizenship Great Britain

Residence Gloucestershire, United Kingdom

Post Office Address The Orchard, Back Ends, Chipping, Campden
Gloucestershire GL55 6AU United Kingdom

Full name of third inventor Timothy John GRASBY

Inventor's signature _____

Date _____ Country of Citizenship Great Britain

Residence Solihull, United Kingdom

Post Office Address 32 Silverbirch Road
Solihull B91 2PJ United Kingdom

CHECK FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH
FORM A PART OF THIS DECLARATION

____ Signature for fourth and subsequent joint inventors. Number of pages added ____

____ Added page to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (CIP) application.

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Full name of **sole or first inventor** Adam Daniel CAPEWELL
Inventor's signature _____
Date _____ Country of Citizenship Great Britain
Residence United Kingdom
Post Office Address 18, Kennet Walk, Reading, RG1 3GF United Kingdom

Full name of **second inventor** Evan Hubert Cresswell PARKER
Inventor's signature *[Signature]*
Date Oct 16 2009 Country of Citizenship Great Britain
Residence West Midlands, United Kingdom
Post Office Address 65, Cromwell Lane, Coventry, CV4 8AQ, United Kingdom

Full name of **third inventor** Timothy John GRASBY
Inventor's signature _____
Date _____ Country of Citizenship Great Britain
Residence Solihull, United Kingdom
Post Office Address 32 Silverbirch Road
Solihull B91 2PJ United Kingdom

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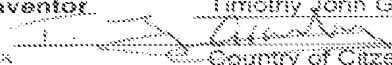
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Full name of **sole or first inventor** Adam Daniel CAPEWELL
Inventor's signature _____
Date _____ Country of Citizenship Great Britain
Residence Warwickshire, United Kingdom
Post Office Address 16 Cowdray Close, Leamington Spa
Warwickshire CV31 1LB United Kingdom

Full name of **second inventor** Evan Hubert Cresswell PARKER
Inventor's signature _____
Date _____ Country of Citizenship Great Britain
Residence Gloucestershire, United Kingdom
Post Office Address The Orchard, Back Ends, Chipping Campden
Gloucestershire GL55 6AU United Kingdom

Full name of **third inventor** Timothy John GRASBY
Inventor's signature 
Date 15/10/08 Country of Citizenship Great Britain
Residence Solihull, United Kingdom
Post Office Address 32 Silverbirch Road
Solihull B91 2PJ United Kingdom

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